



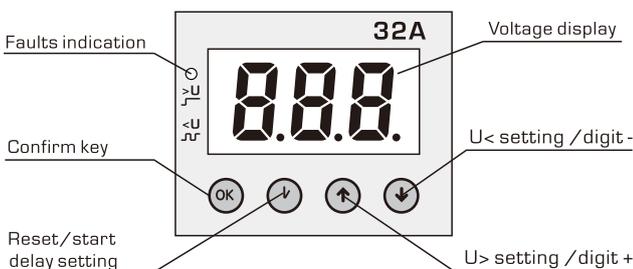
□ Technical data

Rated voltage	AC 220V
Operation voltage range	AC 50V~450V
Rated frequency	50/60Hz
Overtoltage(>U) setting range	220~300V
Undervoltage(U<) setting range	80~210V
Hysteresis	2%
>U trip delay	0.5s
<U trip delay	≥ 80V: 0.5s , <80V: <0.1s
Reset/start delay	5s~600s
Voltage measurement accuracy	≤1%(over the whole range)
Rated insulation voltage	400V
Output contact	1NO
Electrical life	10 ⁵
Mechanical life	10 ⁶
Protection degree	IP20
Pollution degree	3
Altitude	≤2000m
Ambient temperature	-20° C~+55° C
Humidity	≤50% at 40° C(without condensation)
Storage temperature	-30° C~+70° C

Technical parameter	Setting range	Step	Factory setting
Overtoltage trip value	220V~300V	1V	250V
Undervoltage trip value	80V~210V	1V	170V
Reset/start delay	5s~600s	1s	15s

Current specification	25A	32A	40A	50A	63A
Rated operating current(In, A)	25	32	40	50	63
Maximum operating current I _{max} (A, within 10min)	30	40	50	60	80
Max. power of load(kW)	5.5	7	8.8	11	13.9
Maximum wire size(mm ²)	6	8	10	16	16

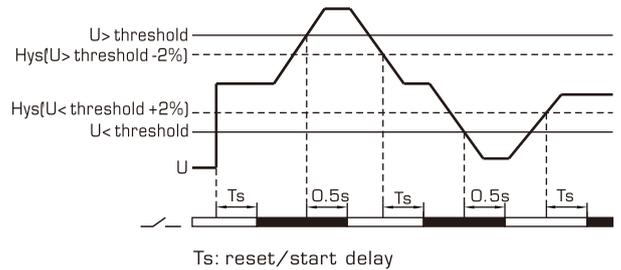
□ Front panel



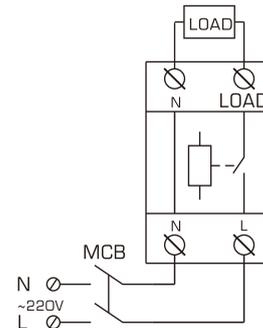
□ Features

- Microcontroller based
- 3 digit display for operating voltage value
- Protect electrical device against overvoltage and undervoltage
- Reset/start delay adjustable(5~600s)
- Voltage measurement accuracy ≤1%
- Parameters setting by keys
- LEDs indication for overvoltage and undervoltage faults
- 3 Module, DIN Rail mounting

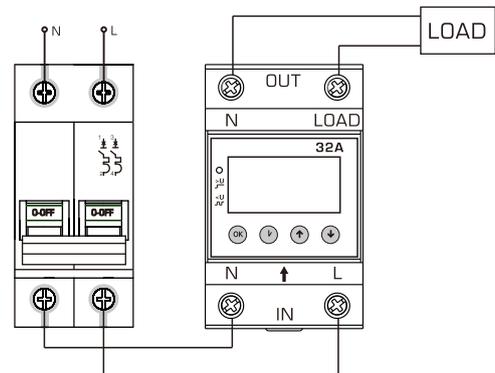
□ Function diagram



□ Symbol



□ Wiring diagram



- Rated operating current of circuit breaker is 75% maximum current of the relay
I_e=0.75x I_{max}